

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	3	"529234".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L7	1	("6309595").PN.	USPAT; USOCR	OR	OFF	2009/09/28 19:17
L8	3	((("6309595") or ("6024847") or ("5336378"))).PN.	USPAT; USOCR	OR	OFF	2009/09/28 19:17
L9	773201	melt refine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L10	286675	particle vapor\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L11	53829	L9 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L12	23192	titanium and L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L13	990524	purif\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L14	4993	L12 and L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L15	3087	reduction and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L16	1880	zinc and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17

L17	27391	zinc same vapor\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L18	1738	L9 L17 titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L19	369	L18 and L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L20	9	((("5,147,451") or ("4,727,928") or ("4,114,251") or ("3,442,321") or ("4,612,179") or ("6,309,595") or ("6,024,847") or ("5,336,378")).PN.	USPAT; USOCR	OR	OFF	2009/09/28 19:17
L21	1	("4602947").PN.	USPAT; USOCR	OR	OFF	2009/09/28 19:17
L22	3	"529234".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L23	1	("4602947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/28 19:17
L24	10798	titanium near particles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L25	27391	zinc same vapor\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L26	262	L25 and L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L27	991649	melt adj refin\$4 or purif\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L28	8922	plasma adj torch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L29	539	L27 and L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17

L30	2033186	particles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L31	378	L29 and L30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L32	10	("3588594"   "3749803"   "3779182"   "3843352"   "3852061").PN. OR ("3944412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/28 19:17
L33	23	("3005859"   "3080626"   "3304169"   "3547622"   "3628948"   "3771585").PN. OR ("3852061").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/28 19:17
L34	21	("3852061"   "3909241"   "3974245"   "4264354"   "4502885"   "4568384"   "4592781").PN. OR ("4711661").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/28 19:17
L35	303441	plasma.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L36	990524	purif\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L37	10493	L36 and L35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L38	2033186	particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L39	2845	L37 and L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L40	682533	impurities	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17

L41	3798	L35 and L40 and L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L42	344894	purif\$7.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L43	6259	L35 and L42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L44	876	L35 and L42 and L38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L45	1464289	melt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L46	90	L44 and L45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L47	964163	particle.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L48	24226	L42 and L47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L49	310138	vapor\$7.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L50	663	L48 L49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L51	1816784	plasma or laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L52	54	L50 L51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L53	187	levitation adj melting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17

L54	1	L42 and L53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L55	308644	refin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L56	308644	refin\$422 and L55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L57	15	L53 and L55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L58	2138	zero adj gravity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L59	17	L42 and L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L60	72	L58 and L55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L61	31	purif\$7 L53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/28 19:17
L62	26531	fall near through	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L63	990524	purif\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L64	1302	L62 and L63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L65	2241773	particle or powder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L66	726	L62 and L63 and L65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17

L67	1464289	melt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17
L68	320	L62 L63 L65 L67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2009/09/28 19:17
L69	3	("2876094").URPN.	USPAT	OR	OFF	2009/09/28 19:17
L70	5	ward-close.in.	USPAT	OR	OFF	2009/09/28 19:17
L71	37	ward-close.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 19:17

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